

# Work Order ID 127759

**\*127759\***

Page 1

December-17-14 1:53:20 PM

Item ID: D2573 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Saddle, Aft, Out  
 Start Date: 12/17/14 Start Qty: 12.00 **\*12\*** Cust Item ID:  
 Required Date: 12/17/14 Req'd Qty: 12.00 **\*12\*** Customer:  
 Reference:

Approvals: Process Plan: MCS Date: 14-12-19 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |  |  |  |  |  |  |  |  |
|----------|--------------|--|--|--|--|--|--|--|--|
| D2573    | F            |  |  |  |  |  |  |  |  |

100 HAAS CNC VERTICAL MACHINING #1 0.00

**\*100\*** HAAS 1 12 DAS 37 1BF  
 HAAS CNC vertical machine #1 9-89 15-0175

Memo 0.00  
 Program Batch No. 127759  
 Double check by: 36

1-Machine Step No 1 per Folio FA051 and inspect per attached Dimension Sheets

2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets

3-Machine Step No 3 per Folio FA051 and insp

110 CONVENTIONAL MILLING MACHINE 0.00

**\*110\*** Mill Conv 0.00  
 Conventional Milling Machine

Memo  
 Machine keyway as per dwg D2573 & D2574

12 BF  
15-01-18

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



# WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------------|----------------------------------|----------------------------------------|------------------------------------|----------------------------------------------|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input checked="" type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/>   | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> |  |
| Skid-tube <input type="checkbox"/>                           | Crosstube <input type="checkbox"/>                                                                                                                                                            | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Engineering <input type="checkbox"/> |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Machining <input type="checkbox"/>                           | Small Fab <input type="checkbox"/>                                                                                                                                                            | Prod. Eng. Coord. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quality <input type="checkbox"/>     |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Thermoforming <input type="checkbox"/>                       | Finishing <input type="checkbox"/>                                                                                                                                                            | Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Other <input type="checkbox"/>       |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Large Fab <input type="checkbox"/>                           | Composite <input type="checkbox"/>                                                                                                                                                            | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |

| Root Cause    | Date               | Step           | Qty          | Description of work order update or non-conformance                                 | Initial Chief Eng                 | Action Description                                              | Sign & Date                       | Verification | QC Inspector |
|---------------|--------------------|----------------|--------------|-------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------|-----------------------------------|--------------|--------------|
| Design        | <del>14/1/17</del> | <del>100</del> | <del>1</del> | <del>Wall thickness is 0.002 under tolerance, 0.38 x 0.6 area along top edge.</del> | <del>DAS 12 9-89</del><br>15/1/17 | <del>Acceptable. Not high stress area.</del><br><br>N/A 15/1/22 | <del>DAS 12 9-89</del><br>15/1/17 |              |              |
| Doc/Data      |                    |                |              |                                                                                     |                                   |                                                                 |                                   |              |              |
| Equip/Tooling |                    |                |              |                                                                                     |                                   |                                                                 |                                   |              |              |
| Handling/Pre  |                    |                |              |                                                                                     |                                   |                                                                 |                                   |              |              |
| Material      |                    |                |              |                                                                                     |                                   |                                                                 |                                   |              |              |
| Operator      |                    |                |              |                                                                                     |                                   |                                                                 |                                   |              |              |
| Offset/Setup  |                    |                |              |                                                                                     |                                   |                                                                 |                                   |              |              |
| Process       |                    |                |              |                                                                                     |                                   |                                                                 |                                   |              |              |
| Supplier      |                    |                |              |                                                                                     |                                   |                                                                 |                                   |              |              |
| Training      |                    |                |              |                                                                                     |                                   |                                                                 |                                   |              |              |
| Transport     |                    |                |              |                                                                                     |                                   |                                                                 |                                   |              |              |
| Unapproved    |                    |                |              |                                                                                     |                                   |                                                                 |                                   |              |              |

## FAULT CATEGORY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Landing Gear</b><br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crimp/Kink/Ripple/Wave<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Crushing<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Marks/Chatter<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube | <b>General</b><br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damage/Defect<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program<br><input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete/Unqualified<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Misaligned/off center<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Off-set<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge | <input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Set-up<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled<br><input type="checkbox"/> Other |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# Work Order ID 127759

December-17-14 1:53:21 PM

**\*127759\***

Page 2

Item ID: D2573 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Saddle, Aft, Out  
 Start Date: 12/17/14 Start Qty: 12.00 **\*12\*** Cust Item ID:  
 Required Date: 12/17/14 Req'd Qty: 12.00 **\*12\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

| Sequence ID/<br>Work Center ID                      | Operation<br>Description                            | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp                |
|-----------------------------------------------------|-----------------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|-------------------------------|
| 120<br><b>*120*</b><br>QC<br>Quality Control        | QC2- Inspect parts off machine FAI/FAIB<br><br>Memo | 0.00<br><br>0.00     |         |        |              | 12            |               |                  | BG<br>15-01-18                |
| 130<br><b>*130*</b><br>QC<br>Quality Control        | QC8- Inspect parts - second check<br><br>Memo       | 0.00<br><br>0.00     |         |        |              | 12            | 0             |                  | DAS<br>14<br>9-89<br>15/01/23 |
| 140<br><b>*140*</b><br>HandFinish<br>Hand Finishing | Chemical Conversion Coat per QSI005 4.1<br><br>Memo | 0.00<br><br>0.00     |         |        |              | 12            | 0             | 15-1-29          | JH                            |

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



# WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------------|----------------------------------|----------------------------------------|------------------------------------|----------------------------------------------|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/>   | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> |  |
| Skid-tube <input type="checkbox"/>                           | Crosstube <input type="checkbox"/>                                                                                                                                                 | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Engineering <input type="checkbox"/> |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Machining <input type="checkbox"/>                           | Small Fab <input type="checkbox"/>                                                                                                                                                 | Prod. Eng. Coord. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Quality <input type="checkbox"/>     |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Thermoforming <input type="checkbox"/>                       | Finishing <input type="checkbox"/>                                                                                                                                                 | Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Other <input type="checkbox"/>       |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Large Fab <input type="checkbox"/>                           | Composite <input type="checkbox"/>                                                                                                                                                 | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |

| Root Cause                             | Date     | Step | Qty | Description of work order update or non-conformance            | Initial Chief Eng | Action Description                                                                                                           | Sign & Date    | Verification | QC Inspector |
|----------------------------------------|----------|------|-----|----------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|--------------|
| Design <input type="checkbox"/>        | 15.01.18 | 100  | 1   | Dim "AD" .250±.010<br>is .238" over<br>1/4" of the 3"<br>bore. |                   | A hold down<br>bolt pulled<br>out of the<br>fixture during<br>machining.<br>Fixture has been<br>repaired.<br><br>N/A 6/15/12 | BG<br>15.01.19 |              |              |
| Doc/Data <input type="checkbox"/>      |          |      |     |                                                                |                   |                                                                                                                              |                |              |              |
| Equip/Tooling <input type="checkbox"/> |          |      |     |                                                                |                   |                                                                                                                              |                |              |              |
| Handling/Pre <input type="checkbox"/>  |          |      |     |                                                                |                   |                                                                                                                              |                |              |              |
| Material <input type="checkbox"/>      |          |      |     |                                                                |                   |                                                                                                                              |                |              |              |
| Operator <input type="checkbox"/>      |          |      |     |                                                                |                   |                                                                                                                              |                |              |              |
| Offset/Setup <input type="checkbox"/>  |          |      |     |                                                                |                   |                                                                                                                              |                |              |              |
| Process <input type="checkbox"/>       |          |      |     |                                                                |                   |                                                                                                                              |                |              |              |
| Supplier <input type="checkbox"/>      |          |      |     |                                                                |                   |                                                                                                                              |                |              |              |
| Training <input type="checkbox"/>      |          |      |     |                                                                |                   |                                                                                                                              |                |              |              |
| Transport <input type="checkbox"/>     |          |      |     |                                                                |                   |                                                                                                                              |                |              |              |
| Unapproved <input type="checkbox"/>    |          |      |     |                                                                |                   |                                                                                                                              |                |              |              |

## FAULT CATEGORY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Landing Gear</b><br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crimp/Kink/Ripple/Wave<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Crushing<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Marks/Chatter<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube | <b>General</b><br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damage/Defect<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program<br><input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete/Unqualified<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Misaligned/off center<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Off-set<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge<br><br><input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Set-up<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled<br><br><input type="checkbox"/> Other |
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**Work Order ID 127759**

December-17-14 1:53:21 PM

**\*127759\***

Page 3

Item ID: D2573

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Item Name: Saddle, Aft, Out

Stop

**\*NS2\***

Start Date: 12/17/14 Start Qty: 12.00

**\*12\***

Cust Item ID:

Required Date: 12/17/14 Req'd Qty: 12.00

**\*12\***

Customer:

Reference:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start

**\*NR1\***

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

150

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

0.00

**\*150\***

Powdercoat

*M 124808*

Memo

0.00

Powder Coating

START TIME: *9.15*OVEN TEMPERATURE: *320*FINISH TIME: *9.45**12 @ 15-1-30 238*

160

QC3- Inspect Part Finish

0.00

**\*160\***

QC

Memo

0.00

Quality Control

*(12)*DAS  
38  
9-89

JAN 30 2015

170

Identify as per dwg & Stock Location: *8398*

0.00

**\*170\***

Packaging

Memo

0.00

Packaging

*18* JAN 02 2015DAS  
06  
9-89

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

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| Skid-tube <input type="checkbox"/>                           | Crosstube <input type="checkbox"/>                                                                                                                                                 | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Engineering <input type="checkbox"/> |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Machining <input type="checkbox"/>                           | Small Fab <input type="checkbox"/>                                                                                                                                                 | Prod. Eng. Coord. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quality <input type="checkbox"/>     |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Thermoforming <input type="checkbox"/>                       | Finishing <input type="checkbox"/>                                                                                                                                                 | Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Other <input type="checkbox"/>       |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Large Fab <input type="checkbox"/>                           | Composite <input type="checkbox"/>                                                                                                                                                 | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |

| Root Cause    | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|-----------------------------------------------------|-------------------|--------------------|-------------|--------------|--------------|
| Design        |      |      |     |                                                     |                   |                    |             |              |              |
| Doc/Data      |      |      |     |                                                     |                   |                    |             |              |              |
| Equip/Tooling |      |      |     |                                                     |                   |                    |             |              |              |
| Handling/Pre  |      |      |     |                                                     |                   |                    |             |              |              |
| Material      |      |      |     |                                                     |                   |                    |             |              |              |
| Operator      |      |      |     |                                                     |                   |                    |             |              |              |
| Offset/Setup  |      |      |     |                                                     |                   |                    |             |              |              |
| Process       |      |      |     |                                                     |                   |                    |             |              |              |
| Supplier      |      |      |     |                                                     |                   |                    |             |              |              |
| Training      |      |      |     |                                                     |                   |                    |             |              |              |
| Transport     |      |      |     |                                                     |                   |                    |             |              |              |
| Unapproved    |      |      |     |                                                     |                   |                    |             |              |              |

### FAULT CATEGORY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Landing Gear</b><br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crimp/Kink/Ripple/Wave<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Crushing<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Marks/Chatter<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube | <b>General</b><br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damage/Defect<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program<br><input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete/Unqualified<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Misaligned/off center<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Off-set<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge<br><br><input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Set-up<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled<br><br><input type="checkbox"/> Other |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Work Order ID 127759**

December-17-14 1:53:21 PM

**\*127759\***

Page 4

Item ID: D2573      Accept      **\*N900040100\***      Setup      Start      **\*NS1\***  
Revision ID:      Stop      **\*NS2\***  
Item Name: Saddle, Aft, Out  
Start Date: 12/17/14      Start Qty: 12.00      **\*12\***      Cust Item ID:  
Required Date: 12/17/14      Req'd Qty: 12.00      **\*12\***      Customer:  
Reference:

Approvals:      Process Plan:      Date:      Tooling:      Date:      Run      Start      **\*NR1\***  
QC:      Date:      SPC (Y/N):      Date:      Stop      **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description                    | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|---------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 180                            | QC21- Final Inspection - Work Order Release | 0.00                 |         |        |              |               |               |                  |                |
| <b>*180*</b>                   |                                             |                      |         |        |              |               |               |                  |                |
| QC                             | Memo                                        | 0.00                 |         |        |              |               |               |                  |                |
| Quality Control                |                                             |                      |         |        |              |               |               |                  |                |

MLJ 15-02-02  
MF  
15-2-2

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------------|----------------------------------|----------------------------------------|------------------------------------|----------------------------------------------|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/>   | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> |  |
| Skid-tube <input type="checkbox"/>                           | Crosstube <input type="checkbox"/>                                                                                                                                                 | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Engineering <input type="checkbox"/> |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Machining <input type="checkbox"/>                           | Small Fab <input type="checkbox"/>                                                                                                                                                 | Prod. Eng. Coord. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quality <input type="checkbox"/>     |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Thermoforming <input type="checkbox"/>                       | Finishing <input type="checkbox"/>                                                                                                                                                 | Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Other <input type="checkbox"/>       |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Large Fab <input type="checkbox"/>                           | Composite <input type="checkbox"/>                                                                                                                                                 | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |

| Root Cause    | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|-----------------------------------------------------|-------------------|--------------------|-------------|--------------|--------------|
| Design        |      |      |     |                                                     |                   |                    |             |              |              |
| Doc/Data      |      |      |     |                                                     |                   |                    |             |              |              |
| Equip/Tooling |      |      |     |                                                     |                   |                    |             |              |              |
| Handling/Pre  |      |      |     |                                                     |                   |                    |             |              |              |
| Material      |      |      |     |                                                     |                   |                    |             |              |              |
| Operator      |      |      |     |                                                     |                   |                    |             |              |              |
| Offset/Setup  |      |      |     |                                                     |                   |                    |             |              |              |
| Process       |      |      |     |                                                     |                   |                    |             |              |              |
| Supplier      |      |      |     |                                                     |                   |                    |             |              |              |
| Training      |      |      |     |                                                     |                   |                    |             |              |              |
| Transport     |      |      |     |                                                     |                   |                    |             |              |              |
| Unapproved    |      |      |     |                                                     |                   |                    |             |              |              |

### FAULT CATEGORY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Landing Gear</b><br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crimp/Kink/Ripple/Wave<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Crushing<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Marks/Chatter<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube | <b>General</b><br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damage/Defect<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program<br><input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete/Unqualified<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Misaligned/off center<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Off-set<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge<br><br><input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Set-up<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled<br><br><input type="checkbox"/> Other |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



# Picklist Print

December-17-14 1:53:20 PM

Page 1

Work Order ID: 127759

**\*127759\***

Parent Item: D2573

**\*D2573\***

Parent Item Name: Saddle, Aft, Out

Start Date: 12/17/14

Required Date: 12/17/14

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP: 1 As Per RevE 06-01-27 JLM

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| D6101-007                       |                        | Manufactured  | No          |                     |                  | 100             | Each               | 60.0000        | 1           | 12           |               |                |        |
| <b>*D6101-007*</b>              |                        |               |             |                     |                  |                 |                    |                | <b>**</b>   |              |               |                |        |
| Saddle Billet                   |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |

Location

Loc Qty

Loc Code

MAT041

1

121646

1

MAT044

59

114363

12

116083

25

119005

2

120494

19

76839

1

12

Jfc 2015-01-12

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------------|----------------------------------|----------------------------------------|------------------------------------|----------------------------------------------|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/>   | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> |  |
| Skid-tube <input type="checkbox"/>                           | Crosstube <input type="checkbox"/>                                                                                                                                                 | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Engineering <input type="checkbox"/> |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Machining <input type="checkbox"/>                           | Small Fab <input type="checkbox"/>                                                                                                                                                 | Prod. Eng. Coord. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quality <input type="checkbox"/>     |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Thermoforming <input type="checkbox"/>                       | Finishing <input type="checkbox"/>                                                                                                                                                 | Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Other <input type="checkbox"/>       |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Large Fab <input type="checkbox"/>                           | Composite <input type="checkbox"/>                                                                                                                                                 | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                    |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |

| Root Cause    | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|-----------------------------------------------------|-------------------|--------------------|-------------|--------------|--------------|
| Design        |      |      |     |                                                     |                   |                    |             |              |              |
| Doc/Data      |      |      |     |                                                     |                   |                    |             |              |              |
| Equip/Tooling |      |      |     |                                                     |                   |                    |             |              |              |
| Handling/Pre  |      |      |     |                                                     |                   |                    |             |              |              |
| Material      |      |      |     |                                                     |                   |                    |             |              |              |
| Operator      |      |      |     |                                                     |                   |                    |             |              |              |
| Offset/Setup  |      |      |     |                                                     |                   |                    |             |              |              |
| Process       |      |      |     |                                                     |                   |                    |             |              |              |
| Supplier      |      |      |     |                                                     |                   |                    |             |              |              |
| Training      |      |      |     |                                                     |                   |                    |             |              |              |
| Transport     |      |      |     |                                                     |                   |                    |             |              |              |
| Unapproved    |      |      |     |                                                     |                   |                    |             |              |              |

### FAULT CATEGORY

| Landing Gear                                      | General                                       |                                                            |                                               |
|---------------------------------------------------|-----------------------------------------------|------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Bending                  | <input type="checkbox"/> Bend                 | <input type="checkbox"/> Folio/Program                     | <input type="checkbox"/> Outside Dimensions   |
| <input type="checkbox"/> Centre Not Concentric    | <input type="checkbox"/> BOM/Route            | <input type="checkbox"/> Grain                             | <input type="checkbox"/> Over/Under tolerance |
| <input type="checkbox"/> Cracks                   | <input type="checkbox"/> Broken/Damage/Defect | <input type="checkbox"/> Hardware                          | <input type="checkbox"/> Part Incorrect       |
| <input type="checkbox"/> Crimp/Kink/Ripple/Wave   | <input type="checkbox"/> Burrs                | <input type="checkbox"/> Inspection Incomplete/Unqualified | <input type="checkbox"/> Part Lost/Missing    |
| <input type="checkbox"/> Cuffs                    | <input type="checkbox"/> Contamination        | <input type="checkbox"/> Instructions Incomplete/Unclear   | <input type="checkbox"/> Part Moved           |
| <input type="checkbox"/> Crushing                 | <input type="checkbox"/> Countersink          | <input type="checkbox"/> Misaligned/off center             | <input type="checkbox"/> Positioned Wrong     |
| <input type="checkbox"/> Heat Treat               | <input type="checkbox"/> Cut Too Short        | <input type="checkbox"/> Mislabeled                        | <input type="checkbox"/> Power Loss/Surge     |
| <input type="checkbox"/> Inspection Strip in Tube | <input type="checkbox"/> Drawing              | <input type="checkbox"/> Misread                           | <input type="checkbox"/> Pressure/Forced      |
| <input type="checkbox"/> Marks/Chatter            | <input type="checkbox"/> Drill Holes          | <input type="checkbox"/> Off-set                           | <input type="checkbox"/> Set-up               |
| <input type="checkbox"/> Turning Sequence         | <input type="checkbox"/> Finish               | <input type="checkbox"/> Out of Calibration                | <input type="checkbox"/> Temperature/Cure     |
| <input type="checkbox"/> Wave/Twist in Tube       | <input type="checkbox"/> Fit/Function         | <input type="checkbox"/> Out of Sequence                   | <input type="checkbox"/> Weld                 |
|                                                   |                                               |                                                            | <input type="checkbox"/> Wrong Stock Pulled   |
|                                                   |                                               |                                                            | <input type="checkbox"/> Other                |

|                                          |                           |
|------------------------------------------|---------------------------|
| <b>DART AEROSPACE LTD</b>                | <b>Work Order:</b> 127757 |
| <b>Description:</b> Saddle, Aft Outboard | <b>Part Number:</b> D2573 |
| <b>Inspection Dwg:</b> D2573 Rev. F      | <b>Page 1 of 1</b>        |

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

|               |       |       |                | Recorded Actual Dimensions |       |       |       |    |      |
|---------------|-------|-------|----------------|----------------------------|-------|-------|-------|----|------|
| Dim           | Min   | Max   | Go/No Go Gauge | 1                          | 2     | 3     | 4     | By | Date |
| A             | 0.438 | 0.443 |                | .439                       | .440  | .440  | .440  |    |      |
| B             | 1.745 | 1.755 |                | 1.750                      | 1.750 | 1.750 | 1.750 |    |      |
| C             | 3.495 | 3.505 |                | 3.500                      | 3.500 | 3.500 | 3.500 |    |      |
| D             | 1.745 | 1.755 |                | 1.750                      | 1.750 | 1.750 | 1.750 |    |      |
| E             | 7.990 | 8.010 |                | 8.002                      | 8.002 | 8.002 | 8.002 |    |      |
| F             | 0.490 | 0.510 |                | .504                       | .504  | .504  | .504  |    |      |
| G             | 0.257 | 0.262 |                | .257                       | .258  | .258  | .258  |    |      |
| H             | 0.375 | 0.380 |                | .375                       | .377  | .377  | .377  |    |      |
| I             | 0.490 | 0.510 |                | .498                       | .502  | .502  | .504  |    |      |
| J             | 1.174 | 1.184 |                | 1.180                      | 1.179 | 1.179 | 1.179 |    |      |
| K             | 0.558 | 0.578 |                | .564                       | .566  | .566  | .567  |    |      |
| L             | 1.174 | 1.184 |                | 1.179                      | 1.179 | 1.179 | 1.179 |    |      |
| M             | 1.365 | 1.375 |                | 1.370                      | 1.370 | 1.370 | 1.370 |    |      |
| N             | 2.495 | 2.505 |                | 2.500                      | 2.500 | 2.500 | 2.500 |    |      |
| O             | 4.119 | 4.129 |                | 4.124                      | 4.124 | 4.124 | 4.124 |    |      |
| P             | 0.115 | 0.135 |                | .131                       | .131  | .131  | .131  |    |      |
| Q             | 0.115 | 0.135 |                | .124                       | .124  | .124  | .124  |    |      |
| R             | 0.240 | 0.260 |                | .245                       | .252  | .252  | .258  |    |      |
| S             | 0.115 | 0.135 |                | .125                       | .120  | .121  | .117  |    |      |
| T             | 0.178 | 0.198 |                | .188                       | .188  | .188  | .188  |    |      |
| U             | 3.210 | 3.250 |                | 3.244                      | 3.233 | 3.233 | 3.233 |    |      |
| V             | 0.230 | 0.250 |                | .249                       | .242  | .242  | .241  |    |      |
| W             | 0.115 | 0.135 |                | .125                       | .135  | .120  | .117  |    |      |
| X             | 0.308 | 0.313 |                | .313                       | .311  | .311  | .311  |    |      |
| Y             | 0.760 | 0.765 |                | .760                       | .760  | .760  | .760  |    |      |
| Z             | 0.352 | 0.372 |                | .363                       | .362  | .362  | .362  |    |      |
| AA            | 0.470 | 0.530 |                | .521                       | .500  | .500  | .500  |    |      |
| AB            | 0.615 | 0.635 |                | .625                       | .628  | .628  | .628  |    |      |
| AC            | 0.053 | 0.073 |                | .062                       | .062  | .062  | .062  |    |      |
| AD            | 0.240 | 0.260 |                | .250                       | .252  | .252  | .252  |    |      |
| AE            | 1.500 | 1.520 |                | 1.516                      | 1.511 | 1.508 | 1.508 |    |      |
| AF            | 0.115 | 0.135 |                | .120                       | .130  | .130  | .130  |    |      |
| AG            | 0.240 | 0.280 |                | .270                       | .270  | .270  | .270  |    |      |
| AH            | 0.240 | 0.260 |                | .250                       | .248  | .244  | .250  |    |      |
| AI            | 2.000 | 2.020 |                | 2.007                      | 2.003 | 2.003 | 2.007 |    |      |
| AJ            | 0.023 | 0.043 |                | .033                       | .033  | .033  | .033  |    |      |
| Accept/Reject |       |       |                |                            |       |       |       |    |      |

|                  |                     |
|------------------|---------------------|
| Measured by: DM. | Audited by: 14      |
| Date: 15.01.16   | Date: 9-89/15/01/23 |

| Rev | Date     | Change                                  | Revised by | Approved |
|-----|----------|-----------------------------------------|------------|----------|
| B   | 02.09.26 | Re-format; Added Rev. D                 | KJ         |          |
| C   | 02.10.11 | Re-format; Added DT8682, DT8683, DT8684 | KJ         |          |
| D   | 05.05.05 | Added dimension AI                      | KJ/RF      |          |
| E   | 05.12.05 | Added dimension AJ                      | KJ/JLM     |          |
| F   | 13.03.07 | Dwg Rev updated                         | KJ         |          |

|                                          |  |                     |        |
|------------------------------------------|--|---------------------|--------|
| <b>DART AEROSPACE LTD</b>                |  | <b>Work Order:</b>  | 127759 |
| <b>Description:</b> Saddle, Aft Outboard |  | <b>Part Number:</b> | D2573  |
| <b>Inspection Dwg:</b> D2573 Rev. F      |  | <b>Page 1 of 1</b>  |        |

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

| Dim           | Min   | Max   | Go/No Go Gauge | Recorded Actual Dimensions |                |                |                | By | Date |
|---------------|-------|-------|----------------|----------------------------|----------------|----------------|----------------|----|------|
|               |       |       |                | 1 <sup>5</sup>             | 2 <sup>6</sup> | 3 <sup>7</sup> | 4 <sup>8</sup> |    |      |
| A             | 0.438 | 0.443 |                | .440                       | .440           | .440           | .440           |    |      |
| B             | 1.745 | 1.755 |                | 1.750                      | 1.750          | 1.750          | 1.750          |    |      |
| C             | 3.495 | 3.505 |                | 3.500                      | 3.500          | 3.500          | 3.500          |    |      |
| D             | 1.745 | 1.755 |                | 1.750                      | 1.750          | 1.750          | 1.750          |    |      |
| E             | 7.990 | 8.010 |                | 8.002                      | 8.002          | 8.002          | 8.002          |    |      |
| F             | 0.490 | 0.510 |                | .498                       | .498           | .498           | .498           |    |      |
| G             | 0.257 | 0.262 |                | .258                       | .258           | .258           | .258           |    |      |
| H             | 0.375 | 0.380 |                | .378                       | .378           | .378           | .378           |    |      |
| I             | 0.490 | 0.510 |                | .501                       | .501           | .501           | .501           |    |      |
| J             | 1.174 | 1.184 |                | 1.179                      | 1.179          | 1.179          | 1.179          |    |      |
| K             | 0.558 | 0.578 |                | .567                       | .567           | .567           | .567           |    |      |
| L             | 1.174 | 1.184 |                | 1.179                      | 1.179          | 1.179          | 1.179          |    |      |
| M             | 1.365 | 1.375 |                | 1.370                      | 1.370          | 1.370          | 1.370          |    |      |
| N             | 2.495 | 2.505 |                | 2.500                      | 2.500          | 2.500          | 2.500          |    |      |
| O             | 4.119 | 4.129 |                | 4.124                      | 4.124          | 4.124          | 4.124          |    |      |
| P             | 0.115 | 0.135 |                | .130                       | .130           | .130           | .130           |    |      |
| Q             | 0.115 | 0.135 |                | .122                       | .122           | .122           | .122           |    |      |
| R             | 0.240 | 0.260 |                | .245                       | .245           | .245           | .245           |    |      |
| S             | 0.115 | 0.135 |                | .124                       | .124           | .124           | .124           |    |      |
| T             | 0.178 | 0.198 |                | .188                       | .188           | .188           | .188           |    |      |
| U             | 3.210 | 3.250 |                | 3.230                      | 3.230          | 3.230          | 3.230          |    |      |
| V             | 0.230 | 0.250 |                | .235                       | .235           | .235           | .235           |    |      |
| W             | 0.115 | 0.135 |                | .132                       | .132           | .132           | .132           |    |      |
| X             | 0.308 | 0.313 |                | .311                       | .311           | .311           | .311           |    |      |
| Y             | 0.760 | 0.765 |                | .760                       | .760           | .760           | .760           |    |      |
| Z             | 0.352 | 0.372 |                | .362                       | .362           | .362           | .362           |    |      |
| AA            | 0.470 | 0.530 |                | .500                       | .500           | .500           | .500           |    |      |
| AB            | 0.615 | 0.635 |                | .625                       | .625           | .625           | .625           |    |      |
| AC            | 0.053 | 0.073 |                | .063                       | .063           | .063           | .063           |    |      |
| AD            | 0.240 | 0.260 |                | .246                       | .246           | .246           | .246           |    |      |
| AE            | 1.500 | 1.520 |                | 1.510                      | 1.510          | 1.510          | 1.510          |    |      |
| AF            | 0.115 | 0.135 |                | .135                       | .135           | .135           | .135           |    |      |
| AG            | 0.240 | 0.280 |                | .250                       | .250           | .250           | .250           |    |      |
| AH            | 0.240 | 0.260 |                | .246                       | .248           | .248           | .248           |    |      |
| AI            | 2.000 | 2.020 |                | 2.005                      | 2.002          | 2.005          | 2.003          |    |      |
| AJ            | 0.023 | 0.043 |                | .032                       | .032           | .032           | .032           |    |      |
| Accept/Reject |       |       |                |                            |                |                |                |    |      |

|              |          |
|--------------|----------|
| Measured by: | SC       |
| Date:        | 15.01.19 |

|             |               |
|-------------|---------------|
| DAS         |               |
| Audited by: | 14            |
| Date:       | 9-89 15/01/23 |

| Rev | Date     | Change                                  | Revised by | Approved |
|-----|----------|-----------------------------------------|------------|----------|
| B   | 02.09.26 | Re-format; Added Rev. D                 | KJ         |          |
| C   | 02.10.11 | Re-format; Added DT8682, DT8683, DT8684 | KJ         |          |
| D   | 05.05.05 | Added dimension AI                      | KJ/RF      |          |
| E   | 05.12.05 | Added dimension AJ                      | KJ/JLM     |          |
| F   | 13.03.07 | Dwg Rev updated                         | KJ         |          |

|                                          |                     |             |
|------------------------------------------|---------------------|-------------|
| <b>DART AEROSPACE LTD</b>                | <b>Work Order:</b>  | 127759      |
| <b>Description:</b> Saddle, Aft Outboard | <b>Part Number:</b> | D2573       |
| <b>Inspection Dwg:</b> D2573 Rev. F      |                     | Page 1 of 1 |

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

|               |       |       |                | Recorded Actual Dimensions |                 |                 |                 | By | Date |
|---------------|-------|-------|----------------|----------------------------|-----------------|-----------------|-----------------|----|------|
| Dim           | Min   | Max   | Go/No Go Gauge | 1 <sup>9</sup>             | 2 <sup>10</sup> | 3 <sup>11</sup> | 4 <sup>12</sup> |    |      |
| A             | 0.438 | 0.443 |                | .439                       | .439            | .439            | .439            |    |      |
| B             | 1.745 | 1.755 |                | 1.750                      | 1.750           | 1.750           | 1.750           |    |      |
| C             | 3.495 | 3.505 |                | 3.500                      | 3.500           | 3.500           | 3.500           |    |      |
| D             | 1.745 | 1.755 |                | 1.750                      | 1.750           | 1.750           | 1.750           |    |      |
| E             | 7.990 | 8.010 |                | 8.002                      | 8.002           | 8.002           | 8.002           |    |      |
| F             | 0.490 | 0.510 |                | .498                       | .498            | .498            | .498            |    |      |
| G             | 0.257 | 0.262 |                | .258                       | .258            | .258            | .258            |    |      |
| H             | 0.375 | 0.380 |                | .377                       | .377            | .377            | .377            |    |      |
| I             | 0.490 | 0.510 |                | .501                       | .501            | .501            | .501            |    |      |
| J             | 1.174 | 1.184 |                | 1.179                      | 1.179           | 1.179           | 1.179           |    |      |
| K             | 0.558 | 0.578 |                | .567                       | .567            | .567            | .567            |    |      |
| L             | 1.174 | 1.184 |                | 1.179                      | 1.179           | 1.179           | 1.179           |    |      |
| M             | 1.365 | 1.375 |                | 1.370                      | 1.370           | 1.370           | 1.370           |    |      |
| N             | 2.495 | 2.505 |                | 2.500                      | 2.500           | 2.500           | 2.500           |    |      |
| O             | 4.119 | 4.129 |                | 4.124                      | 4.124           | 4.124           | 4.124           |    |      |
| P             | 0.115 | 0.135 |                | .130                       | .130            | .130            | .130            |    |      |
| Q             | 0.115 | 0.135 |                | .122                       | .122            | .122            | .122            |    |      |
| R             | 0.240 | 0.260 |                | .245                       | .245            | .245            | .245            |    |      |
| S             | 0.115 | 0.135 |                | .124                       | .124            | .124            | .124            |    |      |
| T             | 0.178 | 0.198 |                | .188                       | .188            | .188            | .188            |    |      |
| U             | 3.210 | 3.250 |                | 3.230                      | 3.230           | 3.230           | 3.230           |    |      |
| V             | 0.230 | 0.250 |                | .235                       | .235            | .235            | .235            |    |      |
| W             | 0.115 | 0.135 |                | .123                       | .123            | .123            | .123            |    |      |
| X             | 0.308 | 0.313 |                | .311                       | .311            | .311            | .311            |    |      |
| Y             | 0.760 | 0.765 |                | .760                       | .760            | .760            | .760            |    |      |
| Z             | 0.352 | 0.372 |                | .362                       | .362            | .362            | .362            |    |      |
| AA            | 0.470 | 0.530 |                | .500                       | .500            | .500            | .500            |    |      |
| AB            | 0.615 | 0.635 |                | .625                       | .625            | .625            | .625            |    |      |
| AC            | 0.053 | 0.073 |                | .063                       | .063            | .063            | .063            |    |      |
| AD            | 0.240 | 0.260 |                | .246                       | .246            | .246            | .246            |    |      |
| AE            | 1.500 | 1.520 |                | 1.510                      | 1.510           | 1.510           | 1.510           |    |      |
| AF            | 0.115 | 0.135 |                | .130                       | .130            | .130            | .130            |    |      |
| AG            | 0.240 | 0.280 |                | .250                       | .250            | .250            | .250            |    |      |
| AH            | 0.240 | 0.260 |                | .250                       | .250            | .250            | .250            |    |      |
| AI            | 2.000 | 2.020 |                | 2.002                      | 2.005           | 2.002           | 2.002           |    |      |
| AJ            | 0.023 | 0.043 |                | .032                       | .032            | .032            | .032            |    |      |
| Accept/Reject |       |       |                |                            |                 |                 |                 |    |      |

|              |          |
|--------------|----------|
| Measured by: | EL       |
| Date:        | 15-01-19 |

|             |              |
|-------------|--------------|
| Audited by: | DAS 14       |
| Date:       | 9-89 15/1/23 |

| Rev | Date     | Change                                  | Revised by | Approved |
|-----|----------|-----------------------------------------|------------|----------|
| B   | 02.09.26 | Re-format; Added Rev. D                 | KJ         |          |
| C   | 02.10.11 | Re-format; Added DT8682, DT8683, DT8684 | KJ         |          |
| D   | 05.05.05 | Added dimension AI                      | KJ/RF      |          |
| E   | 05.12.05 | Added dimension AJ                      | KJ/JLM     |          |
| F   | 13.03.07 | Dwg Rev updated                         | KJ         |          |

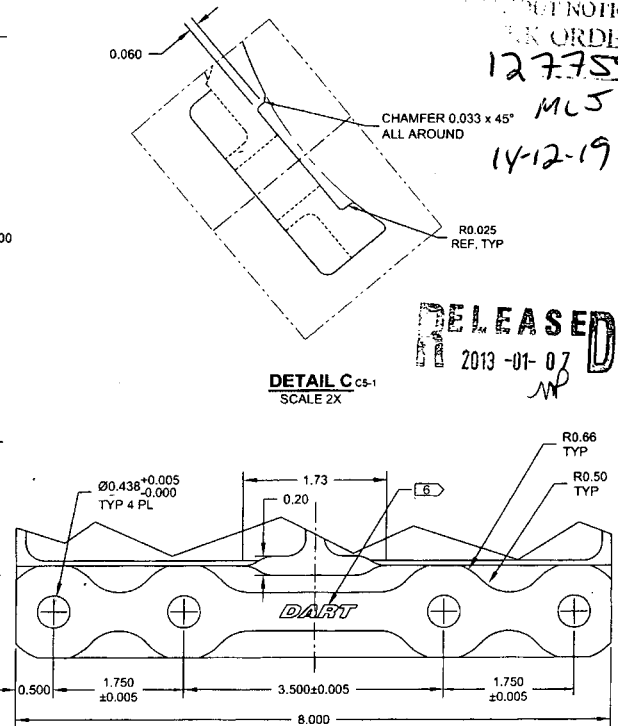
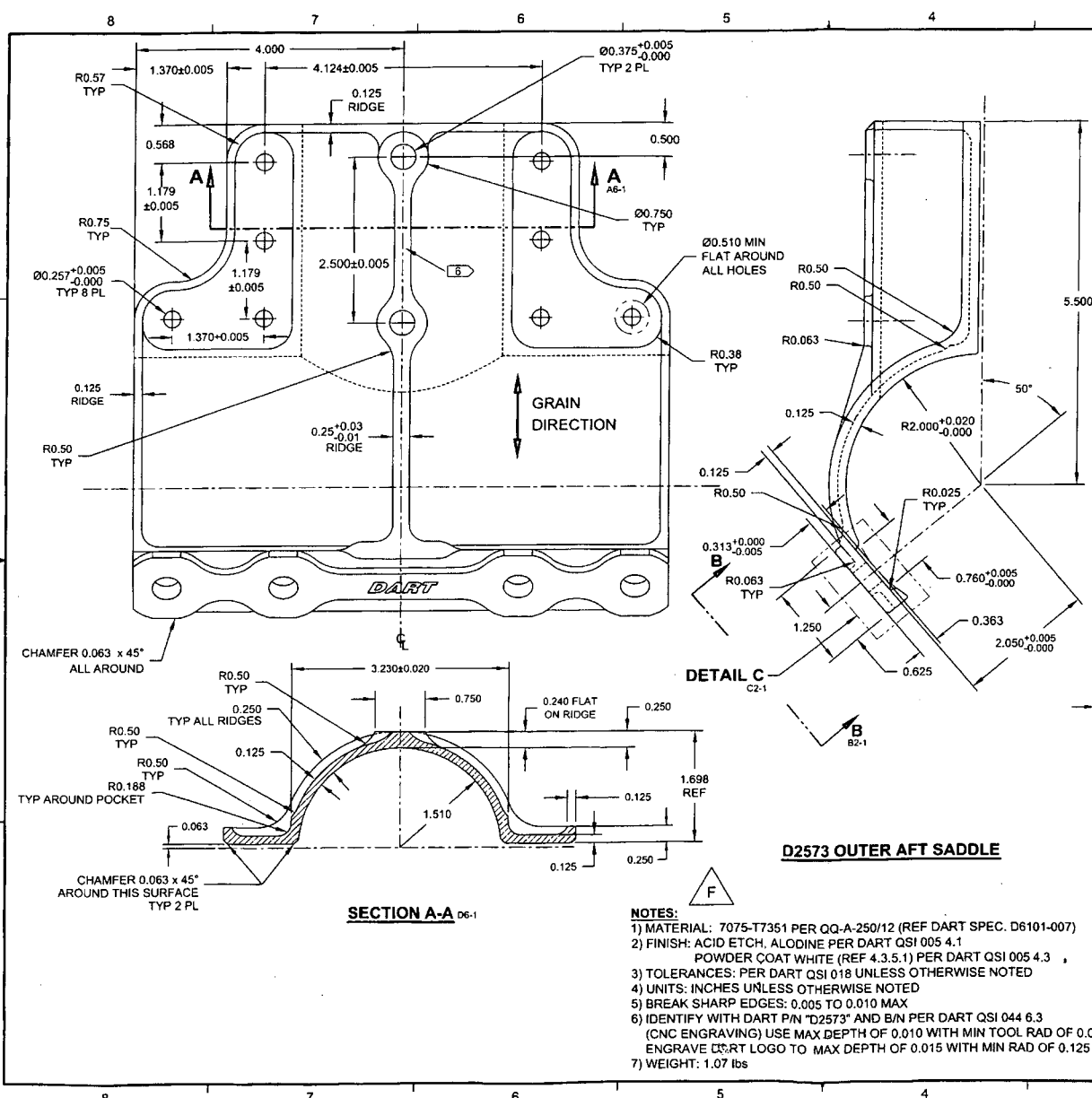
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2013-01-07



|            |                                                            |                                                                                                                                                                                                                                                                                                      |              |
|------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| F          | D6101-007 WAS D6102-001 REF NCR12-1832                     | SFM                                                                                                                                                                                                                                                                                                  | 12.11.13     |
| E          | ADD CHAMFER ON RIDGE, NOTE 5                               | PH                                                                                                                                                                                                                                                                                                   | 05.07.13     |
| D          | ADD RIDGES; TIGHTEN TOLERANCES                             | CP                                                                                                                                                                                                                                                                                                   | 02.09.06     |
| C          | INCORP. DEO 9123/9079/9120<br>ADD DIMENSIONS PER TSR A1177 | CP                                                                                                                                                                                                                                                                                                   | 99.10.22     |
| B          | ADD GRAIN DIR., 0.438 WAS 0.425                            | CW                                                                                                                                                                                                                                                                                                   | 96.12.02     |
| A          | NEW ISSUE                                                  | BW                                                                                                                                                                                                                                                                                                   | 96.09.16     |
| REV.       | DESCRIPTION                                                | BY                                                                                                                                                                                                                                                                                                   | DATE         |
| DESIGN     | DS                                                         | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                                             |              |
| DRAWN      | SFM                                                        |                                                                                                                                                                                                                                                                                                      |              |
| CHECKED    |                                                            | DRAWING NO.                                                                                                                                                                                                                                                                                          | REV.F        |
| MFG. APPR. |                                                            | D2573                                                                                                                                                                                                                                                                                                | SHEET 1 OF 1 |
| APPROVED   |                                                            | TITLE                                                                                                                                                                                                                                                                                                | SCALE        |
| DE APPR.   |                                                            | OUTER AFT SADDLE                                                                                                                                                                                                                                                                                     | NTS          |
| DATE       | 12.11.13                                                   | <small>COPYRIGHT © 1996 BY DART AEROSPACE LTD<br/> THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS<br/> NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT<br/> WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> |              |